

CA2 ALGT
A56
1928

ALBERTA LEGISLATURE LIBRARY



3 3398 00437 0697

Alberta Government Telephones

ANNUAL REPORT

For the Fiscal Year Ending

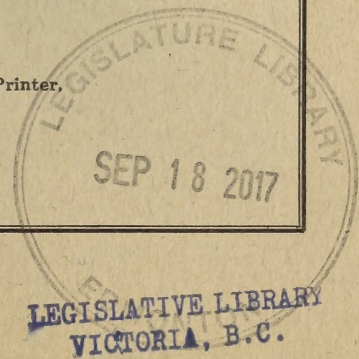
December 31st, 1928

PRINTED BY ORDER OF THE
LEGISLATIVE ASSEMBLY.



EDMONTON:

Printed by W. D. McLean, King's Printer,
1929.



Alberta Government Telephones

ANNUAL REPORT

For the Fiscal Year Ending

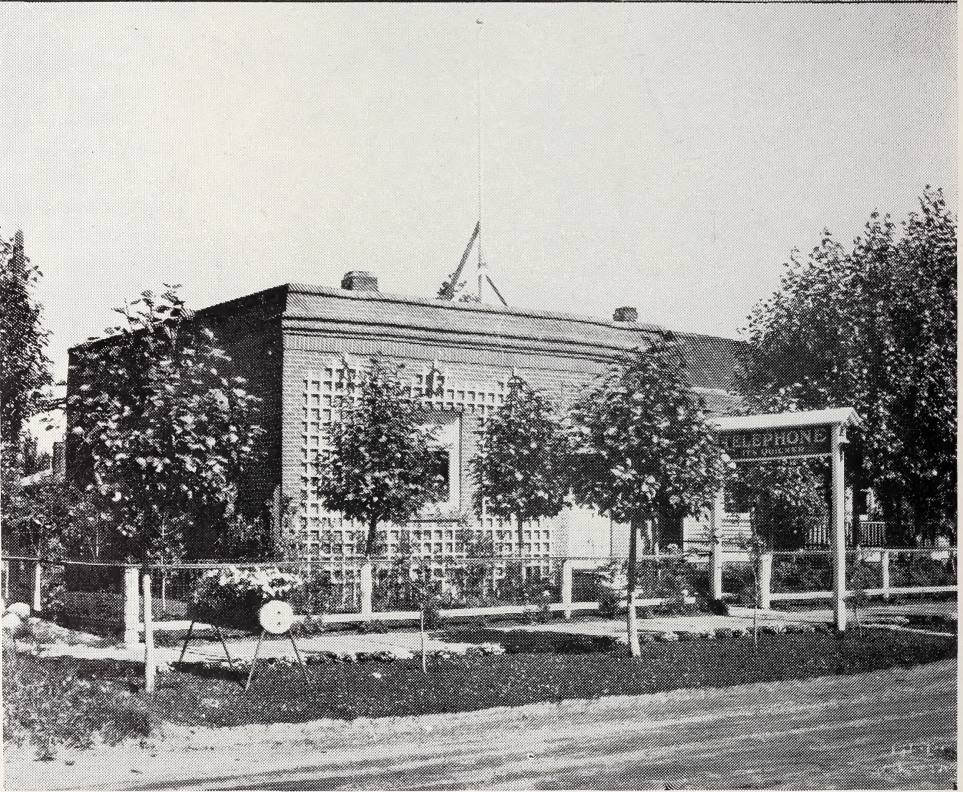
December 31st, 1928

PRINTED BY ORDER OF THE
LEGISLATIVE ASSEMBLY.

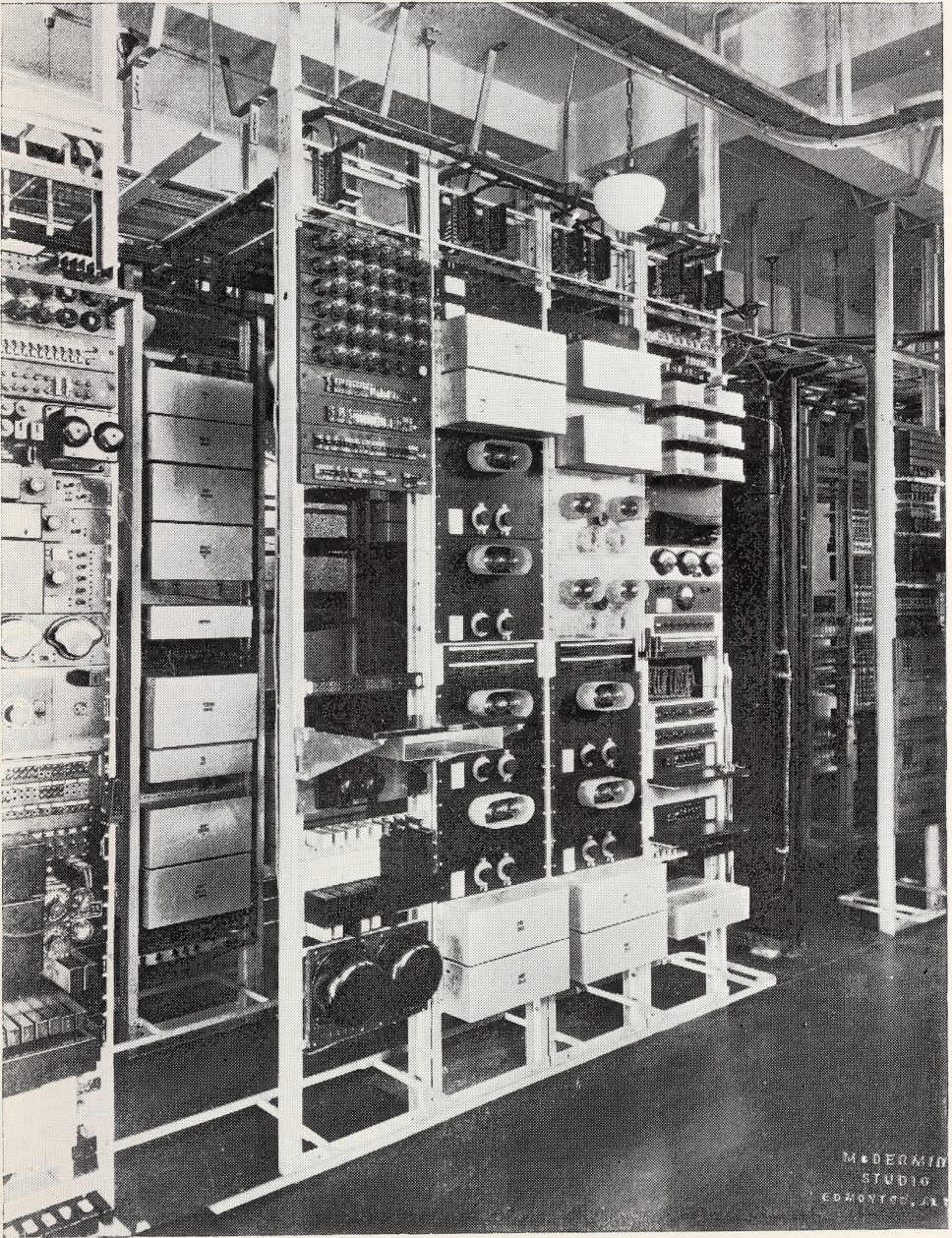


EDMONTON:

Printed by W. D. McLean, King's Printer,
1929.

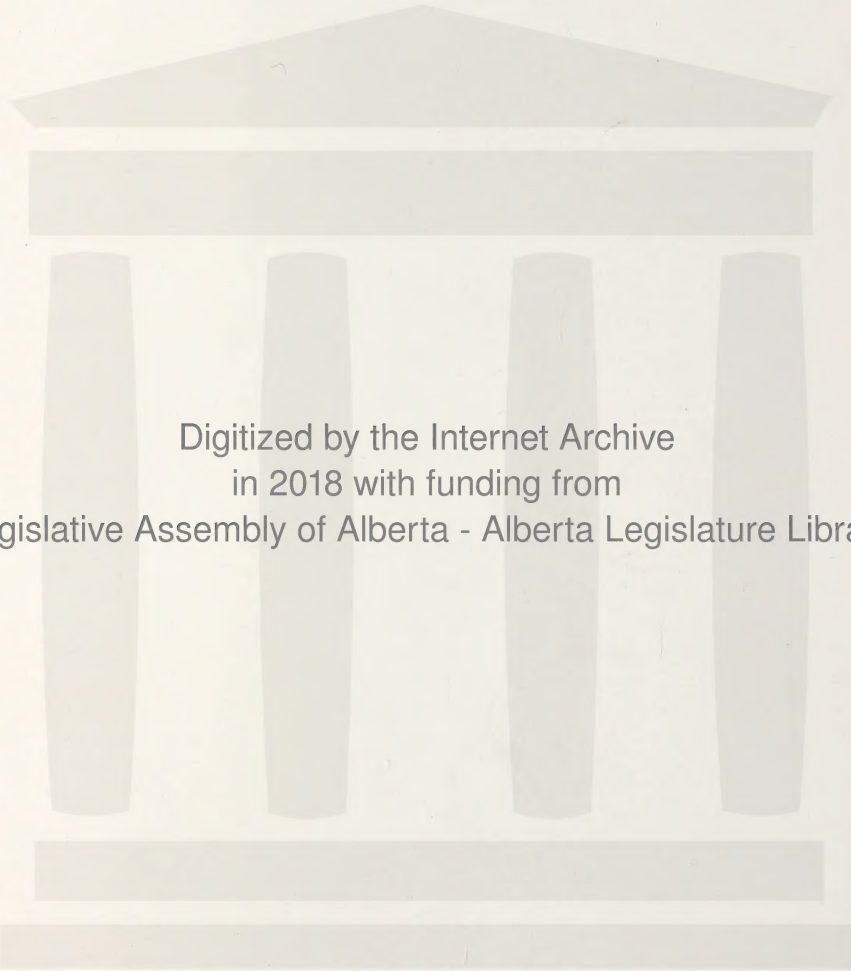


STRATHMORE TELEPHONE EXCHANGE
The Winner in the 1928 Best Kept Building Contest.



The Repeater Panels in the Long Distance Telephone Exchange,
Edmonton.

M. ODERMIN
STUDIO
EDMONTON, ALTA.



Digitized by the Internet Archive
in 2018 with funding from
Legislative Assembly of Alberta - Alberta Legislature Library

EDMONTON, Alberta, January 31st, 1929.

To His Honour,

WILLIAM EGBERT,

Lieutenant Governor of the Province of Alberta,

EDMONTON, ALBERTA.

Sir,—I have the honour to transmit the Seventeenth Annual Report of the Department of Telephones for the year ending December 31st, 1928.

I have the honour to be, Sir,

Your obedient servant,

VERNOR W. SMITH,

Minister of Railways and Telephones.

IMPORTANT FACTS IN THE REPORT

Total Revenue for the Year from all Sources	\$ 3,635,504.38
Total Expense Including Interest, Operating, and Maintenance Charges	\$ 2,613,980.28
Total Amount Set Aside for Depreciation (Includes Sinking Fund)	\$ 814,141.28
Surplus After Taking Care of all Charges Including Full Depreciation	\$ 207,382.82
Improvement over Last Year	\$ 245,459.18
Improvement since 1922	\$ 1,945,459.18
Number of Long Distance Messages Carried During the Year.....	3,390,554
Number of Miles of Long Distance Wire in the System	40,217
Number of Telephones in the Service.....	60,222
Total Investment	\$ 23,281,804.69
Money Spent on New Plant and Equipment in 1928	\$ 729,130.68
Number of Towns and Villages Connected to the System	605
Additional Offices Given Continuous Service, 1928	7
Service Instituted to B. C. over All-Canadian Route.	

EDMONTON, Alberta, January 31st, 1929.

HON. VERNOR W. SMITH,

Minister of Railways and Telephones,

EDMONTON, ALBERTA.

Dear Sir,—I submit herewith the Seventeenth Annual Report of the Alberta Government Telephones for the year ending December 31st, 1928.

CONSTRUCTION.

Exchange Plant Extensions.

We have had a considerable amount of activity in the various cities and towns throughout the Province during the year, and in order to take care of new business, it has been necessary to increase our exchange capital by \$355,-912.72.

During the year we installed 10,007 telephones and removed 7,424, leaving a net gain in this class of service of 2,653 telephones.

Long Distance Lines.

Long distance business is growing rapidly in the country, and to take care of the business it has been necessary to add new lines between the following points:

Sibbald to Alsask.
Onoway to Sangudo.
Provost to Saskatchewan Boundary.
Brooks to Alderson.
Medicine Hat to Saskatchewan Boundary.
Vermilion to Lloydminster.
Spedden to St. Paul.
Egremont to Radway.
Tofield to Kingman.
New Norway to Ferintosh.
Donalda to Stettler.
Strome to Alliance.
Beiseker to Drumheller and Carbon.
Calgary to High River.
Vulcan to Lethbridge.
Lethbridge to Raymond.
McLennan to Peace River.
Grande Prairie to Wembley.
Vegreville to St. Paul.
Cardston to Glenwood.
Calgary to Okotoks.
Pincher Creek to Cowley.

There has also been considerable new territory opened up, and new lines have been built into the following points:

Calgary to British Columbia Boundary.
Esther to Hamaruka.
Rocky Mountain House to Nordegg.
Coalspur to Lovett.
Roycroft to Wanham.
Extension to Derwent.
Okotoks to Turner Valley.

This work required 981 miles of new copper lines.

There is also a growing demand for service to all parts of the American Continent, particularly to our neighboring provinces.

To meet this demand, new lines were erected this year to take care of business into Saskatchewan. We have also opened, in conjunction with the British Columbia Telephone Company, an All-Canadian Route to Vancouver, which follows the main line of the Canadian Pacific Railway. Repeaters have been installed at Field, Revelstoke, and Kamloops.

We have nearly completed the replacement of our carrier system between Edmonton and Calgary with a new model, the result of development work during the past eight years. The present unit, which was the pioneer unit in Canada, will be placed in service between Calgary and Lethbridge.

In all \$185,587.68 was spent on additional toll line plant and improvements.

Rural Plant Extensions.

There were 3,062 rural telephones installed in the Province during 1928, and 2,544 removed, a net gain of 518. Two hundred and sixteen miles of new pole line and 472.25 miles of wire were added to the rural plant at a cost of \$137,562.76.

Plant Replacement.

During the year 1,235 miles of line, obsolete and worn out, were replaced and repaired. Switchboards, and similar office equipment of all kinds, which had become obsolete and worn out in various parts of the Province, were replaced or repaired during the year, to keep the working plant in first-class condition. The cost of repairs, together with the labor, cost of removals, and other necessary charges amounted to \$439,375.72. This money comes from the Replacement Reserve.

Operation and Maintenance.

Operating Revenue has increased in 1928 over the previous year by \$335,004.90 while Operating and Maintenance Costs have increased \$65,553.16. It will be noted that

the increase in Operating and Maintenance Costs is relatively small when compared with the increased business done this year.

The following table will show Comparative Statement of Operating and Maintenance Cost per telephone for the past seven years.

	Operation	Maintenance
1922	\$19.764	\$7.508
1923	17.800	6.947
1924	16.716	6.456
1925	16.452	6.552
1926	16.020	6.288
1927	15.883	6.897
1928	16.423	6.500

Business Conditions.

The year 1928 has been a splendid year for business throughout the Province. Cities, towns, and rural districts have all steadily improved during the year, and we record the best year's business in the history of the Telephone Department. In 1928 the Department handled 3,390,554 long distance calls, which is not only an increase over last year, but over any year in our history.

Financial.

During 1928, as in 1927, the Telephone Department has earned sufficient revenue to cover all operating, maintenance, and interest charges, and has set aside a Sinking Fund and Full Depreciation Reserve. The subvention of \$177,000 from the Government has not been taken into account this year, and, even after excluding this item of \$177,000, the Department will show a greater surplus than last year.

Our total revenue from all sources in 1927, without including the Government subvention, was \$3,327,096.76. In 1928 the total revenue was \$3,635,504.38, an increase of \$308,407.62 over 1927. This is mainly due to improvement in business conditions and expansion of the business generally.

It will also be noted that the financial position of the Department is steadily improving each year. This condition should continue, although the surpluses are likely to be smaller, due to capital obligations which will have to be increased in the near future to take care of the ever growing demand for service.

The following table will show a Statement of Earnings and Expense during the past nine years, and Interest and Sinking Fund for the same period.

	Telephone Earnings	Telephone Expense	Number of Telephones
1920	\$1,930,884.00	\$1,377,116.00	42,854
1921	2,247,277.00	1,431,671.00	50,611
1922	2,359,551.00	1,380,564.00	53,421
1923	2,361,468.00	1,287,723.00	53,896
1924	2,399,080.00	1,242,842.00	54,215
1925	2,502,175.00	1,254,119.00	56,279
1926	2,772,372.00	1,266,519.00	56,930
1927	3,287,232.00	1,299,622.00	58,331
1928	3,622,237.00	1,364,108.00	60,222

Interest and Sinking Fund

1920	\$ 622,454.00
1921	991,030.00
1922	1,347,426.00
1923	1,340,686.00
1924	1,373,631.00
1925	1,362,943.00
1926	1,369,672.00
1927	1,357,296.00
1928	1,331,123.00

Reserves.

Reserves at December 31st, 1928, will total \$2,133,428.07, an improvement of \$418,269.02 over 1927.

Reserves are made up as follows:

Replacement Reserve	\$1,034,618.14
Sinking Fund Reserve	1,098,809.93

The year 1928 has contributed \$700,000.00 to the Depreciation Reserve and it will be noted that this Reserve is not only taking care of Plant renewals, but is growing each year. This is necessary to take care of large replacements of plant which will come at various times in the future.

NORTH COUNTRY DEVELOPMENT.

In order to take care of the development in the Peace River Block, we are extending and building up our plant in that section. There is no doubt that in the near future it will be found necessary to build a line to connect Edmonton and the surrounding district with the north country. As stated in the 1927 report, the section between Edmonton and the Peace River and Grande Prairie country is sparsely settled, and this presents quite a serious problem in the building of a line from Edmonton to that territory. No single line that could be built into that country would come anywhere near taking care of the carrying charges on the line even if a full load were carried on the first pair of wires, and before the line could be proven in, it would be necessary to have sufficient revenue to operate a group of circuits on the one pole line.

Our check of the situation again in 1928 indicates that there is no great demand at the present time for the service, although it is felt that the growing business between the two sections of the country will bring about a demand for service with the North Country in the very near future.

The Edmonton Telephone situation is closely linked up with this development, due to the fact that almost all of the business would terminate in this city, and as stated in 1927 report, it would greatly assist matters if the telephone situation in and around the City of Edmonton were straightened out.

TELEPHONE SERVICE IN THE CITY OF EDMONTON.

As pointed out in the 1927 report, the Edmonton Municipal Telephone Plant continues to be a problem in Provincial-wide Service.

The dual system of operation presents difficulties and is not the best arrangement for telephone development in Northern Alberta. It costs the Alberta Government Telephones more to operate in and around the City of Edmonton than at any other point in the Province. All of these facts were pointed out in 1927 when it was recommended that the Government should make the City a fair offer for its Telephone System, and, that if the City desired to retain ownership, the situation should be carefully canvassed to determine what other action should be taken to clear up the whole matter. If no agreement acceptable to both parties could be arranged, it was suggested that the matter be referred to some independent tribunal for adjustment.

Since the 1927 report was published an offer has been made to the City of Edmonton for its Telephone System. In considering this offer it must be kept in mind that the Government has not only offered to pay the City all of the money which it has invested in telephones, but \$600,000 in addition.

The City has a system which, if isolated, would not have anywhere near the value that it has at the present time connected up with the Alberta Government Telephones, and this should be kept in mind when considering the value of the offer made to the City by the Government.

As matters stand at the present time, the Government has been advised that the City does not wish to part with its utility, and the City has been asked by the Government to submit the question of the value of this service to an independent tribunal for adjustment. This should be done to determine the exact position of the two systems.

The City having definitely refused to sell its telephone system, arbitration before an independent tribunal, as between the Provincial Government and the City of Edmonton on the question of compensation due the Alberta Government Telephones for inter-connection service given and available, has now been requested by the Provincial Government, and this seems the fairest way of determining the status of the two systems.

REMARKS.

The Telephone System in Alberta again records a satisfactory year financially, and we feel that at the same time the service has kept pace and shown improvement.

A glance at the map of the wire system in the Province will show that Alberta is well served with telephones, and that the main arteries of the system are well established and equipped for expansion as the service grows. The Plant itself is being checked carefully each year and replacements made for obsolescence or decay.

Tremendous improvements are being made in the telephone world, which require careful and active check of

the whole service in order to keep pace with improved methods. It is our aim to have and provide to our users the best up-to-date equipment that can reasonably be provided for the service, and our organization is busy checking and changing methods to provide this class of service to the patrons.

During the year 1929 we are providing further outlets to the south, east and west of the Province in order to take care of the ever-growing demand for long line business into other provinces. It will only be a short time until we shall have to take our place in the building of Transcontinental lines through this country to take care of telephone service across Canada. Alberta will be ready to take care of her section and fit into the general plan of service when that time arrives.

Our budget for 1929 calls for extensions and improvements over the system generally, from Peace River and the Grande Prairie country to the southern boundary. Many new long distance lines are required to take care of the ever-growing demand for this class of service, and in addition to building up the present routes, we are planning on secondary routes to take care of the service in cases of emergency. One example of this will be a new line to be constructed via Camrose and Alix to Calgary. This line will not only provide additional facilities, but will also provide an emergency route in case of the main line being damaged by storm. The emergency route will be suitable for handling our carrier circuits, which can be switched at a moment's notice from the direct route to the emergency route. Another line will be constructed, as additional facilities, from Calgary east to the Saskatchewan border, to take care of the ever-growing demand for service into Saskatchewan and Manitoba. This will be a high grade heavy copper line, which will fit into the Transcontinental group of circuits and also match up with the present heavy copper line from Calgary to the Saskatchewan border, providing an outlet for the whole of the Province through these channels.

Many other circuits are being put in to relieve congestion in different sections of the country.

Our building programme calls for a number of new buildings throughout the different towns in the Province and additions of the more modern two-wire type equipment to our Calgary exchange. The programme for rural development takes care of a number of settlements which are not already connected up, and also provides facilities for taking in many new applicants in towns which are being served with lines at the present time. This is also having the effect of filling up the present net work and improving the position of the telephone business in Alberta generally.

During 1928 our organization throughout the Province handled a very much greater volume of business than ever before, and the personnel is to be commended for the able manner in which they built up and took care of the new business which came to the System during that period. It is only because of this excellent spirit of co-operation and loyalty to the service that we are able to cope with the enlarged programme without causing any confusion whatever in the service, and I wish to take this opportunity of thanking the staff for their loyalty and co-operation throughout the entire System.

Your obedient servant,

J. D. BAKER,

Deputy Minister of Telephones.

GOVERNMENT OF THE PROVINCE OF ALBERTA
ALBERTA GOVERNMENT TELEPHONES

BALANCE SHEET

ASSETS.

Plant in Service:

December 31st, 1927		December 31st, 1928
\$ 1,110,310.13	Real Estate	\$ 1,160,377.65
3,464,987.15	Equipment	3,698,697.95
2,892,725.52	Exchange Lines	3,042,557.40
5,270,226.54	Rural Lines	5,380,159.34
5,497,483.18	Toll Lines	5,683,070.86
<u>\$18,235,732.52</u>	Total Plant in Service	<u>\$18,964,863.20</u>

Inventory and Supplies:

\$ 83,386.50	Office Furniture	\$ 73,327.95
41,905.81	Tools and Vehicles	51,685.76
281,894.32	Supplies	251,788.27
<u>\$ 407,186.63</u>	Total Inventory and Supplies	<u>\$ 376,801.98</u>

Current Assets:

\$ 198,171.65	Cash	\$ 117,766.59
38,534.53	Treasury Department, Cash	3,709.83
344,815.22	Accounts Receivable	344,186.86
4,752.45	Interest Receivable	904.25
25,816.58	Prepaid Expenses and Deferred Debits	18,465.50
<u>\$ 612,090.43</u>	Total Current Assets	<u>\$ 485,033.03</u>

Special Funds:

\$ 739,691.58	Depreciation and Renewal Reserve Fund \$	1,034,618.14
975,467.47	Sinking Fund Assets	1,098,809.93
60,940.50	Pension and Death Benefit Fund	103,296.45
<u>\$ 1,776,099.55</u>	Total Special Funds	<u>\$ 2,236,724.52</u>

Intangible Assets:

\$ 354,000.00	Province of Alberta Subvention	\$ 354,000.00
799,910.38	Debenture Discount	792,545.91
334,847.18	Adjustment of Accrued Interest on Debs.	334,847.18
56,228.81	Adjustment of Accrued Sinking Fund	56,228.81
14,111.18	Red Deer Franchise	
<u>\$ 1,559,097.55</u>	Total Intangible Assets	<u>\$ 1,537,621.90</u>

Subsidized Capital:

\$ 442,391.46	Loss on Adjustment of Inventories	\$ 442,391.46
246,135.10	Corporate Deficit	
138,923.64	Less: Net Surplus, 1927	
2,311,473.44	Unprofitable Extensions	2,311,473.44
<u>\$ 2,861,076.36</u>	Total Subsidized Capital	<u>\$ 2,753,864.90</u>
<u>\$25,451,283.04</u>		<u>\$26,354,909.53</u>

LIABILITIES.

\$22,919,417.42	Debenture Debt	\$22,892,125.95
	Borrowings from Reserve	389,678.74
<u>\$22,919,417.42</u>		<u>\$23,281,804.69</u>

BALANCE SHEET (*Continued*)*Current Liabilities:*

December 31st, 1927		December 31st, 1928	
\$ 298,495.76	Accrued Debenture Interest Not Due....\$	309,124.06	
56,873.18	Accrued Sinking Fund Not Due	56,417.37	
32,659.21	Unearned Revenue, etc.	35,345.34	
\$ 388,028.15	Total Current Liabilities	\$ 400,886.77	

Reserves:

\$ 739,691.58	Depreciation and Renewal Reserve.....\$	1,034,618.14	
975,467.47	Sinking Fund Reserve	1,098,809.93	
\$ 1,715,159.05		\$ 2,133,428.07	
60,940.50	Pension and Death Benefit Reserve.....	103,296.45	
13,737.92	Special Reserve	13,014.88	
\$ 1,789,837.47	Total Reserves	\$ 2,249,739.40	
\$ 354,000.00	Province of Alberta Subvention	\$ 354,000.00	
		\$ 354,000.00	
	UNDISTRIBUTED SURPLUS FOR 1928	68,478.67	
\$25,451,283.04		\$26,354,909.53	

A. M. MITCHELL,

Auditor, A. G. T.

Edmonton, Alberta, January 31st, 1929.

I have audited the books and records of the Alberta Government Telephones for the calendar year ended December 31st, 1928, and the above balance sheet and accompanying statement of earnings are correctly prepared therefrom.

Net surplus for the year amounts to \$207,382.82 which has been applied as follows:

To Adjust Re-valuation of Furniture and Fixtures.....	\$ 17,581.51
To Eliminate Intangible Asset, Red Deer Franchise.....	14,111.18
To Eliminate Intangible Asset, Corporate Deficit	107,211.46
Carried Forward as Undistributed Surplus	68,478.67
	<u>\$207,382.82</u>

Plant in service, office furniture, tools and vehicles are shown at cost. Depreciation has been provided for to the extent of existing depreciation and sinking fund reserves, amounting in all to \$2,133,428.07. A physical inventory of supplies was taken at December 31st, 1928, and priced at cost.

During the year only actual additions were charged to Plant. Replacements and renewals were charged to depreciation and renewal reserve in accordance with established telephone accounting practice. The total charged against earnings for depreciation was \$814,141.28, as follows:

Direct Appropriation	\$700,000.00
Sinking Fund Contributions	114,141.28
	<u>\$814,141.28</u>

A capital liability of \$389,678.74 borrowings from reserve appears in the Balance Sheet. This represents reserve funds utilized to finance 1928 construction programme. Interest at 5 per cent. is provided on these borrowings.

I certify that, in my opinion, the above Balance Sheet is properly drawn up so as to show the financial position of the Alberta Government Telephones as at December 31st, 1928, and the accompanying relative statement of earnings fairly states the result of operations for the calendar year ended at that date.

JAMES C. THOMPSON, C. A.,

Provincial Auditor.

GOVERNMENT OF THE PROVINCE OF ALBERTA
ALBERTA GOVERNMENT TELEPHONES
CONDENSED STATEMENT OF EARNINGS.

Year Ended
December 31st,
1927

Year Ended
December 31st,
1928

Telephone Revenue:

\$ 1,353,074.15	Exchange Earnings	\$ 1,448,206.15
631,849.35	Rural Earnings	658,073.45
1,195,141.32	Toll Earnings	1,399,298.95
<u>\$ 3,180,064.82</u>		<u>\$ 3,505,578.55</u>

Telephone Expense:

\$ 921,668.89	Operation	\$ 989,008.21
393,481.54	Maintenance	391,695.38
<u>\$ 1,315,150.43</u>		<u>\$ 1,380,703.59</u>
<u>\$ 1,864,914.39</u>	Net Telephone Earnings	<u>\$ 2,124,874.96</u>

Add: Sundry Earnings:

\$ 37,426.00	Directory Earnings	\$ 40,179.38
69,741.85	Miscellaneous Earnings	76,479.64
39,864.09	Interest Earned	13,266.81
<u>\$ 147,031.94</u>		<u>\$ 129,925.83</u>
<u>\$ 2,011,946.33</u>	Total Gross Income	<u>\$ 2,254,800.79</u>

Deduct:

\$ 1,233,254.09	Interest	\$ 1,207,266.40
1,165.21	Contingencies	1,508.47
6,791.36	Commission and Exchange	8,206.87
<u>\$ 1,241,210.66</u>		<u>\$ 1,216,981.74</u>
<u>\$ 770,735.67</u>	Operating Surplus	<u>\$ 1,037,819.05</u>

Other Deductions:

\$ 116,085.85	Sinking Fund Contribution	\$ 114,141.28
12,000.00	Pension Fund Contribution	14,000.00
	Miscellaneous Deductions	2,294.95
<u>\$ 128,085.85</u>		<u>\$ 130,436.23</u>
<u>\$ 642,649.82</u>	Balance Net Earnings	<u>\$ 907,382.82</u>
<u>\$ 177,000.00</u>	Add: Government Subvention	
<u>\$ 819,649.82</u>	Balance: Net Earnings and Subvention	<u>\$ 907,382.82</u>
<u>\$ 680,726.18</u>	Appropriation for: Depreciation and Renewal Reserve.....	<u>\$ 700,000.00 700,000.00</u>
<u>\$ 138,923.64</u>	Net Surplus	<u>\$ 207,382.82</u>
	Appropriated as Follows:	
	Department Furniture and Fixtures	\$ 17,581.51
	Red Deer Franchise Written Off.....	14,111.18
<u>\$ 138,923.64</u>	Corporate Deficit Written Off	<u>107,211.46</u>
		<u>\$ 138,904.15</u>
	UNDISTRIBUTED SURPLUS	<u>\$ 68,478.67</u>

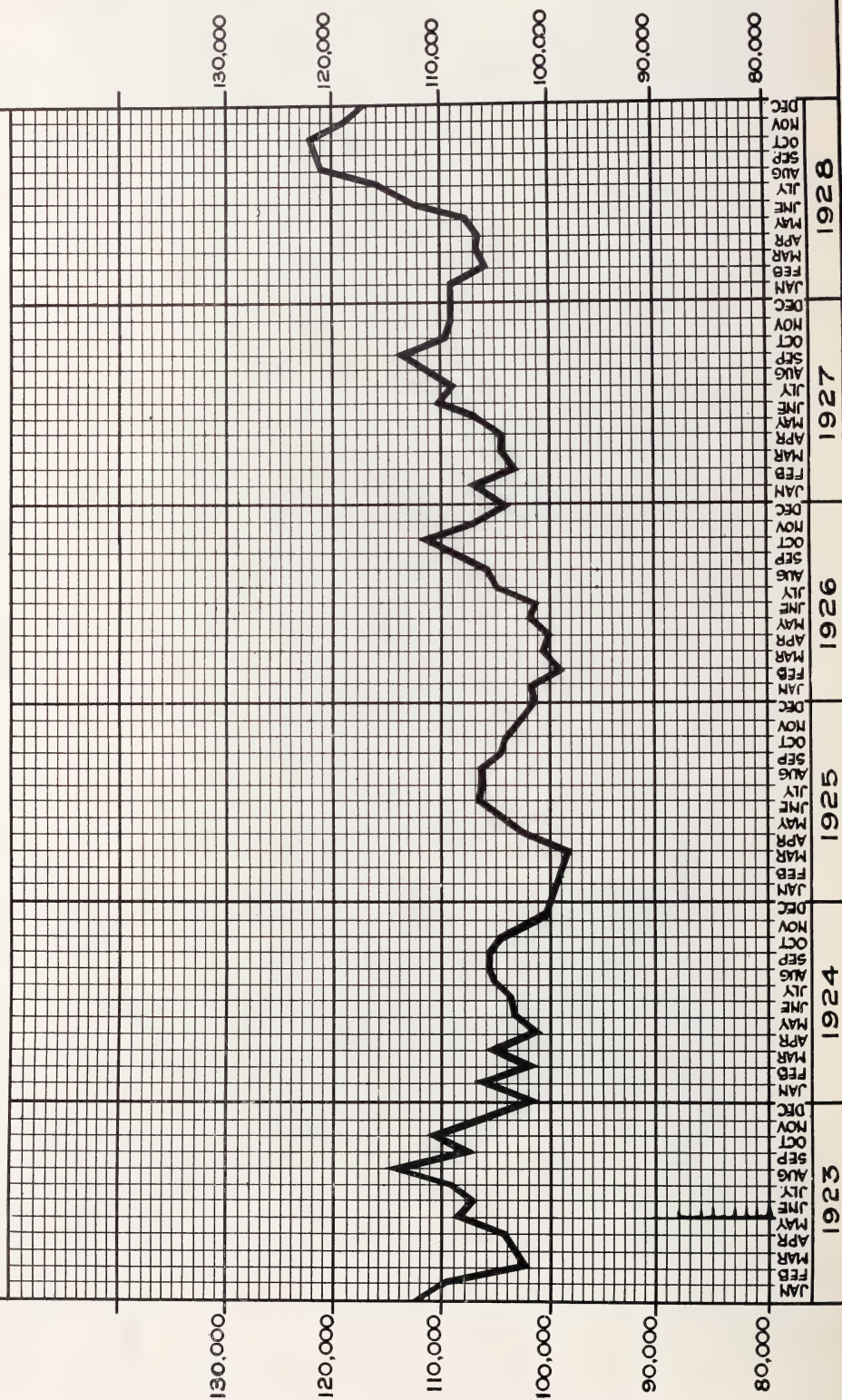
A. M. MITCHELL,
Auditor.

DOLLARS

— TELEPHONE OPERATING COSTS —

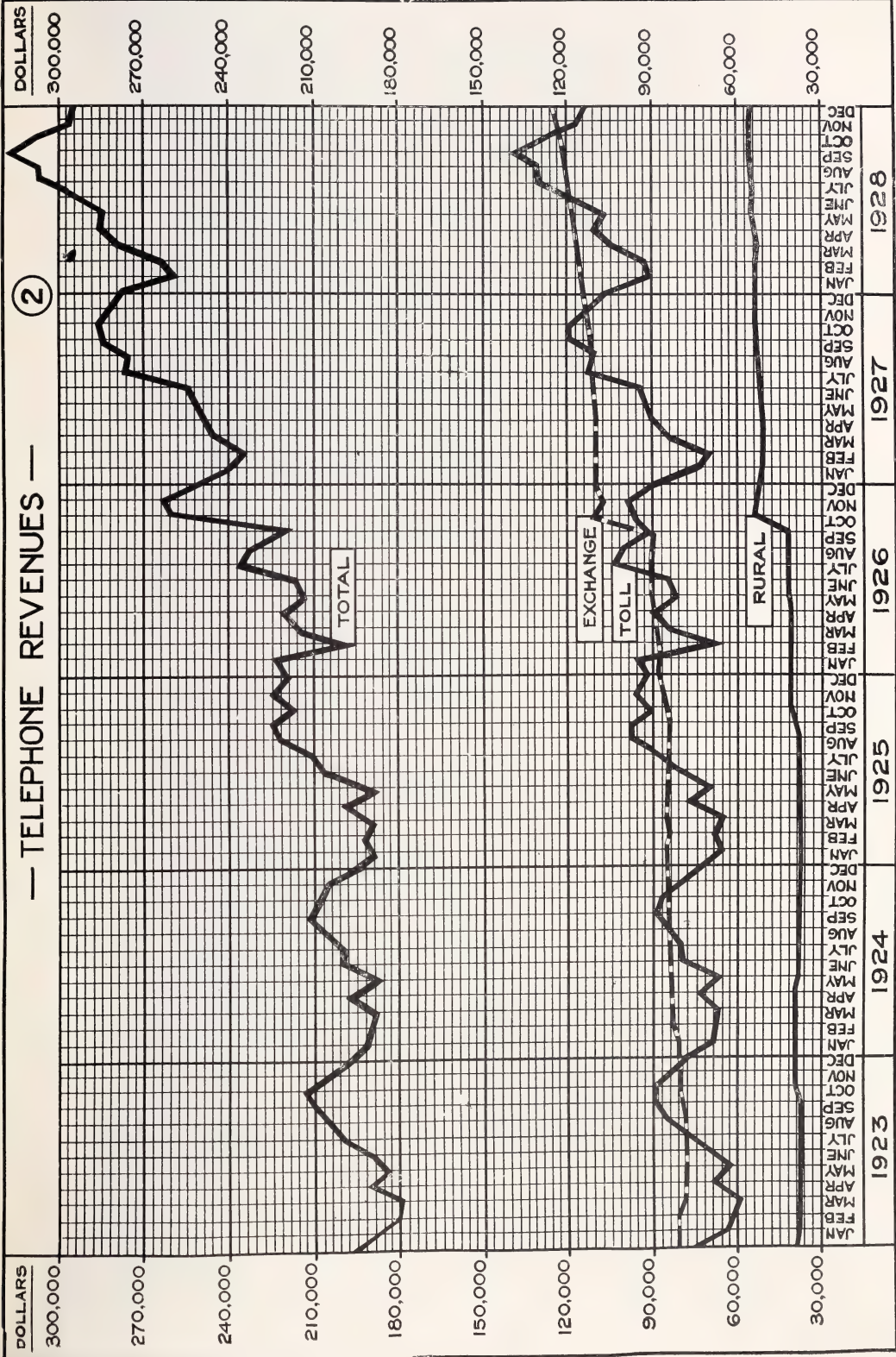
①

DOLLARS



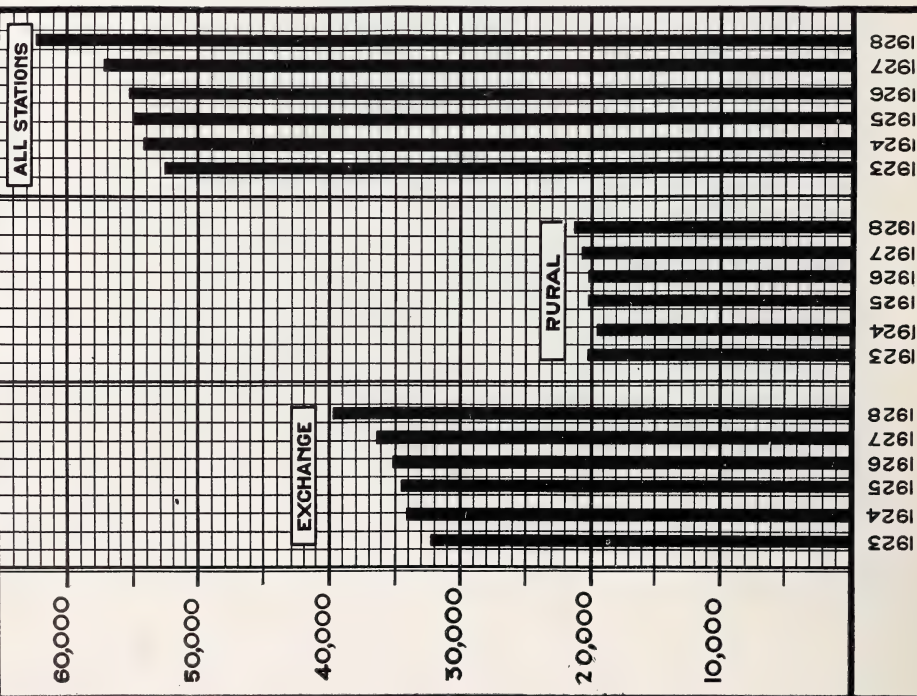
— TELEPHONE REVENUES —

②



STATION GROWTH

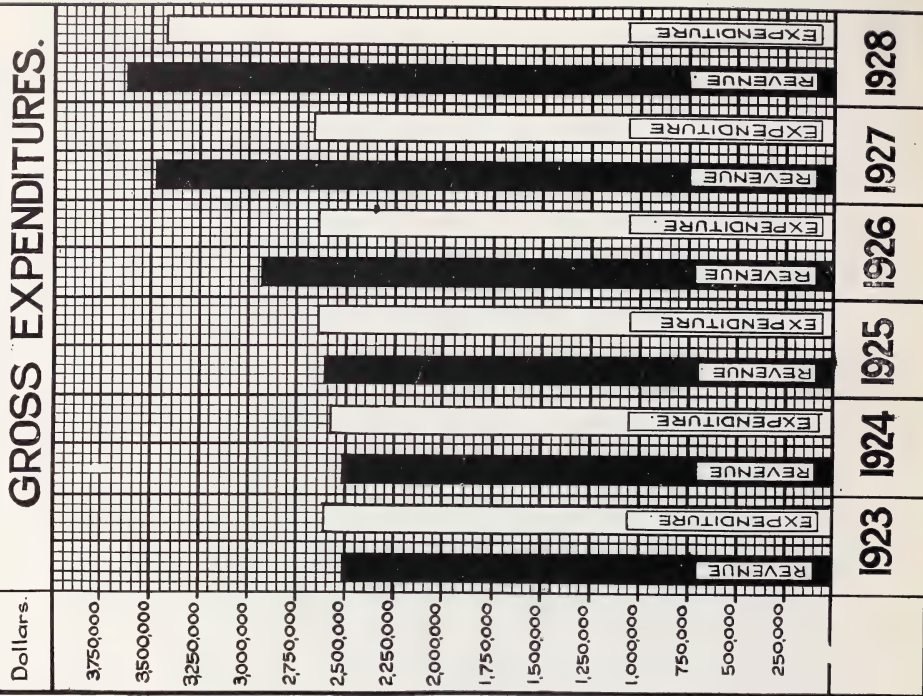
3



COMPARISON OF

4

GROSS REVENUES AND GROSS EXPENDITURES.



COMMERCIAL

CONDENSED STATION REPORT, 1928.

Exchange Subscribers' Lines	32,334
Exchange Extension Stations	3,117
Exchange P.A.X. Sub-Stations	338
Exchange P.B.X. Sub-Stations	2,271
Pay Stations	581
Toll Stations	300
Private A.B. Lines (Calgary)	12
	<hr/>
Rural Subscribers' Stations	38,953
	21,269
Total.....	60,222

STATEMENT OF EXCHANGES AND TOLL OFFICES IN
THE PROVINCE, DECEMBER, 1928.

Number of Alberta Government Telephone Exchanges.....	305	
Number of Alberta Government Telephone Toll Offices		300
Number of Alberta Government Telephone Exchange Stations.....		38,653
Number of Alberta Government Telephone Rural Stations		21,269
		<hr/>
		60,222
Number of Private Owned Party Lines	68	
Number of Private Owned Party Line Stations		1,312
Number of Connecting Exchanges (Edmonton, Banff, Edgerton, Eckville and Erixon)	5	
Number of Connecting Exchange Stations		16,271
Total.....		77,805

PLANT

TOLL WORK UNDERTAKEN AND COMPLETED, 1928.

Pole Miles
33.75

Wire Miles
981

TOTAL RURAL MILEAGE BUILT IN 1928.

	Pole Miles	Wire Miles	Subscribers
Road Allowance	216	472.25	391
Run-offs	37.36	37.36
Total	<hr/> 253.36	<hr/> 509.61	<hr/> 391

TRAFFIC

GENERAL STATISTICS FOR YEAR ENDING DECEMBER 31ST, 1928.

From January 1st, to December 31st, 1928.

Traffic Pay Roll Offices	35
Offices giving continuous service	111
Offices giving semi-continuous service	8
Toll Centers	116
Tributary Offices	497
Number of "Out" Tickets completed and billed (L.D.).....	3,390,554
Total number of Cities, Towns and Hamlets in Alberta having telephone connection	1,018
Offices using Morse Service for Departmental Business.....	2
Number of Physical L.D. lines	274
Number of Phantom L.D. lines	29
Number of part Phantom and part Physical L.D. lines.....	36
Total number of L.D. lines	339
Number of Simplex Telegraph lines	2
Phantom (Metallic) L.D. Circuit Mileage	2,990
Physical L.D. Circuit Mileage	36,800
Morse Simplex L.D. Circuit Mileage	202
Carrier L.D. Circuit Mileage	404

Included in the above data is the Peace River District which is composed of the following:

Toll Centers	4
Tributary Offices	35
Number of Physical L.D. lines	6
Number of Phantom L.D. lines	1
Total Long Distance Mileage	659

ALBERTA GOVERNMENT TELEPHONES

LONG DISTANCE WIRE MAP

SYMBOLS.

<ul style="list-style-type: none"> Denotes No 8 B.W.G. COPPER No 10 M.B.S. No 12 " on No 10 B.S. COVER No 16 " COPPER No 6 B.W.G. STEEL No 8 " No 12 " TELEGRAPH CIRCUIT. GROUNDING PHANTOM GROUNDING PHANTOM CIRCUIT. REPEATER (LINE) CARRIER LINE EQUIPPED WITH REPEATER NETWORK FOREIGN WIRE. 	<ul style="list-style-type: none"> Denotes SERVICE BRIDGE. LOOP. TEST SUB TOLL OFFICE. EXCHANGE TOLL TOLL CENTRES. CONNECTING OFFICE.
---	---

NOTE RE MILEAGE:
 MILEAGE SHOWN THUS "1.5" DENOTES DISTANCE BETWEEN JUNCTION POLES
 OR BETWEEN CHANGES IN GAUGE OF WIRE
 MILEAGE SHOWN THUS (1.5) AND ASSOCIATED WITH NAME OF OFFICE
 DENOTES DISTANCE BETWEEN JUNCTION POLE AND OFFICE

